

(n)

-30° Max

contac

angle

1.57 T

Pole or Arm

See Detail F

→ +-T = wall thickness

DETAIL F

Fatigue resistant weld

**ELEVATION A** 

For weld size calculations

Weld

Size

T must be 5 mm  $(\frac{3}{6})$  or more

Wall

3.04 mm (0.1196")

4.55 mm (0.1793")

6.07 mm (0.239I")

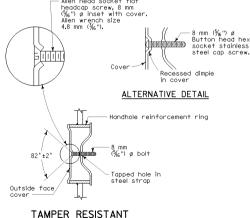
7.94 mm (0.3I25")

3.04 mm (0.1196")

4.55 mm (0.1793")

6.07 mm (0.239l")

7.94 mm (0.3I25")



HANDHOLE COVER

SIGNAL AND LIGHTING STANDARDS **DETAILS NO. 1** These "Standard Plans for Construction of Local Streets and Roads" contain units in two

Project Plans shall prevail.

approval by the Engineer.

base plate.

inese "Standard Mans for Construction of Local Streets and Rodas" contain units in two systems of measurement; international System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

4. Handhole reinforcement ring shall be 6 mm  $\times$  5l mm ( $\frac{1}{4}$ "  $\times$  2") for 3.04 mm to 6.07 mm (0.1196" to 0.2391") poles, 10 mm  $\times$  5l mm ( $\frac{3}{4}$ "  $\times$  2") for 7.94 mm

5. Handholes for lighting standards shall be located on the downstream side

6. Detail F, fatigue resistant weld, is required at signal arm plate an pole

7. In lieu of the torque requirements for HS bolts, cap screws shall be

tightened by the turn-of-nut method 1/3 turn from a snug tight

8. During pole erection, the post shall be raked as necessary with the

9. When Project Plans show a lesser number of signs and signals, the

10. Outside diameter, wall thickness, and corresponding section properties at

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are minimum. Unless otherwise specified, alternative sections require

the base of traffic signal poles and arms as shown in the Standard Plans

of the pole unless otherwise noted on the plans.

use of leveling nuts to provide a plumb pole axis.

condition. No washer will be required.

NO SCALE

ES-7M